Claims

What is claimed is:

1. A Xenograft bone tendon bone graft useful in orthopedic surgery comprising one or more bone blocks and a tendon attached to said one or more bone blocks, wherein said one or more bone blocks is cut to provide a groove sufficient to accommodate a fixation screw.

2. The graft of claim 1, wherein said graft is obtained from porcine, bovine, equine, goat and other ruminant sources.

3. A xenograft bone tendon bone graft useful in orthopedic surgery comprising one or more bone blocks and a tendon attached to said one or more bone blocks.

4. The xenograft bone tendon bone graft of claim 3, wherein said one or more bone blocks is shaped into a dowel.

5. The xenograft bone tendon bone graft of claim 4, wherein said one or more bone blocks are 9mm, 10mm, 11mm, or 12 mm in size.

6. The xenograft bone tendon bone graft of claim 3, wherein said bone tendon bone graft is obtained from porcine, bovine, equine or goat sources.

7. The xenograft bone tendon bone graft of claim 3, wherein said one or more bone blocks is cut to provide a groove sufficient to accommodate a fixation screw

8. The porcine bone tendon bone graft of claim 7, wherein said groove is a radius cut extending the length of the bone block.

9. The xenograft bone tendon bone graft of claim 7, wherein said bone block has a thread profile positioned on its surface in said groove.

10. The xenograft bone tendon bone graft of claim 3, wherein said tendon has a first end and a second end, and wherein said one or more bone blocks comprises a first bone block attached to said first end and a second bone block attached to said second end.

11. The xenograft bone tendon bone graft of claim 8, wherein said first bone block is derived from a patella, said second bone block is derived from a tibia, and said tendon is derived from a patellar tendon.

12. A method of obtaining a plurality of porcine bone tendon bone grafts comprising:

a). excising a first bone plug having attached thereto a tendon; and

b). excising a second bone plug having attached thereto a tendon, wherein said first bone plug and said second bone plug are contiguous and overlap such that excision of said first bone plug or said second bone plug forms a groove in the bone plug that is excised subsequent to the other.

13. The method of claim 12, wherein excision is accomplished by a core drill.

14. The method of claim 12, wherein said first porcine bone plug is obtained from the group of bones consisting of patella, femur, and tibia.

15. A method of obtaining a plurality of bone tendon bone grafts comprising:

a). excising a first bone plug from a first bone, wherein said first bone plug has a tendon attached thereto;

b). excising a second bone plug from a second bone, wherein said second bone plug is attached to said tendon;

c). excising a third bone plug from said first bone, wherein said first bone plug and said third bone plug are contiguous and overlap such that excision of said first bone plug or said third bone plug forms a groove in the bone plug that is excised subsequent to the other.

16. The method of claim 15, wherein excision is accomplished by a core drill.

17. The method of claim 15, wherein said first bone is selected from the group bones consisting of patella, femur and tibia.

18. The method of claim 15, wherein said second bone is selected from the group of bones consisting of patella, femur, and tibia.

19. A method of conducting orthopedic surgery on an animal comprising: obtaining a porcine bone tendon bone graft, said graft comprising a tendon having two ends, and one or more bone blocks attached to said tendon, wherein at least one of said one or more bone blocks has a groove suitable for accommodating a fixation screw.

20. The method of claim 19 further comprising affixing said one or more bone blocks to one or more bones of said animal.

21. The method of claim 19 wherein said one or more bones of said animal are selected from the group of bones consisting of patella, femur and tibia.

22. The method of claim 19 wherein said one or more bone blocks is pre-shaped into a dowel.

23. The method of claim 19 wherein said one or more bone blocks are of a size selected from the group consisting of 9mm, 10mm, 11mm, and 12mm.

24. The method of claim 19 wherein two of said one or more bone blocks are different in size.

25. A method of conducting orthopedic surgery on an animal comprising:

obtaining a bone tendon bone graft, said graft comprising a tendon having two ends and one or more bone blocks attached to said tendon, wherein at least one of said one or more bone blocks is pre-shaped into a dowel.

26. The method of claim 25 wherein said orthopedic surgery is a repair or replacement of an Anterior Cruciate Ligament or Posterior Cruciate Ligament

27. A bone tendon bone graft useful in orthopedic surgery comprising one or more bone blocks and a tendon attached to said one or more bone blocks, wherein said one or more bone blocks is pre-shaped into a dowel.

28. The bone tendon bone graft of claim 27, wherein said graft is obtained from porcine, bovine, equine or goat sources.

29. A bone tendon bone graft produced by the method of claim 12

30. A bone tendon bone graft produced by the method of claim 15.